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OM protein - protein search, using SW model

Run on: March 13, 2003, 12:37:25 ; Search time 14.5 Seconds
(Without alignments)
79.469 Million cell updates/sec

Title: US-09-913-524-1
Perfect score: 143
Sequence: 1 PMSPSALRLQRPPEPAHANCHR 25

Scoring table: BLOSUM62
Gapop 10.0, Gapext 0.5

Searched: 199416 seqs, 46092074 residues

Total number of hits satisfying chosen parameters: 199416

Minimum DB seq length: 0
Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Published_Applications_AA:*
1: /cgn2_6/ptodata/1/pubpaa/US08_NEW_PUB.pep:*
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14: /cgn2_6/ptodata/1/pubpaa/US60_PUBCOMB.pep:*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	% Match	Length	DB	ID	Description
1	143	100.0	367	9	US-09-813-398-18	Sequence 18, Appl
2	110	76.9	122	9	US-09-859-211-44	Sequence 44, Appl
3	110	76.9	122	9	US-09-880-708-22	Sequence 22, Appl
4	110	76.9	122	10	US-09-813-459-18	Sequence 18, Appl
5	106	74.1	121	12	US-10-115-406-18	Sequence 18, Appl
6	55.5	38.8	368	10	US-09-768-703-2	Sequence 2, Appl
7	54.5	38.1	1832	9	US-10-014-717-4	Sequence 4, Appl
8	51.5	36.0	116	10	US-09-864-761-40290	Sequence 40290, A
9	50.5	35.3	2439	9	US-10-014-717-7	Sequence 7, Appl
10	48.5	33.9	888	9	US-10-036-041-35	Sequence 35, Appl
11	48.5	33.9	888	9	US-10-028-072-544	Sequence 544, App
12	48.5	33.9	888	9	US-10-035-855-35	Sequence 35, Appl
13	48.5	33.9	888	9	US-10-121-049-544	Sequence 544, App
14	48.5	33.9	888	9	US-10-123-904-544	Sequence 544, App
15	48.5	33.9	888	9	US-10-140-470-544	Sequence 544, App
16	48.5	33.9	888	9	US-09-931-836-35	Sequence 35, Appl
17	48.5	33.9	888	9	US-10-175-746-544	Sequence 544, App
18	48.5	33.9	888	9	US-10-176-918-544	Sequence 544, App
19	48.5	33.9	888	9	US-10-176-921-544	Sequence 544, App

20	48.5	33.9	888	9	US-10-036-214-35	Sequence 35, Appl
21	48.5	33.9	888	9	US-10-137-865-544	Sequence 544, App
22	48.5	33.9	888	9	US-10-140-474-544	Sequence 544, App
23	48.5	33.9	888	9	US-10-035-719-35	Sequence 35, Appl
24	48.5	33.9	888	9	US-10-14-131-544	Sequence 344, App
25	48.5	33.9	888	9	US-10-143-114-544	Sequence 544, App
26	48.5	33.9	888	9	US-10-140-012-544	Sequence 544, App
27	48.5	33.9	888	9	US-10-036-160-35	Sequence 35, Appl
28	48.5	33.9	888	9	US-10-142-419-544	Sequence 544, App
29	48.5	33.9	888	12	US-10-036-342-35	Sequence 35, Appl
30	48	33.6	398	10	US-09-796-338A-17	Sequence 17, Appl
31	47	32.9	568	9	US-09-738-626-5622	Sequence 5622, Ap
32	47	32.9	568	10	US-09-950-788-2	Sequence 2, Appl
33	47	32.9	568	10	US-09-950-788-4	Sequence 4, Appl
34	47	32.9	568	10	US-09-950-788-7	Sequence 7, Appl
35	46.5	32.5	108	9	US-10-011-445-54	Sequence 54, Appl
36	46	32.2	1493	10	US-09-925-301-1371	Sequence 1371, Ap
37	46	32.2	1493	10	US-09-858-754-3	Sequence 3, Appl
38	46	32.2	1493	12	US-10-000-864-8	Sequence 8, Appl
39	45.5	31.8	60	8	US-08-424-550B-598	Sequence 598, App
40	45.5	31.8	169	10	US-09-866-050A-715	Sequence 715, App
41	45.5	31.8	200	9	US-09-866-050A-715	Sequence 715, App
42	45	31.5	1136	10	US-09-854-845-12	Sequence 12, Appl
43	45	31.5	1151	10	US-09-854-845-10	Sequence 10, Appl
44	45	31.5	1551	10	US-09-970-318-4	Sequence 4, Appl
45	44.5	31.1	7257	9	US-10-014-717-5	Sequence 5, Appl

ALIGNMENTS

```
RESULT 1
US-09-813-398-18
; Sequence 18, Application US/09813398
; Patent No. US20020169292A1
; GENERAL INFORMATION:
; APPLICANT: Bruce D. Weintraub
; APPLICANT: Mariusz W. Skudlinski
; APPLICANT: University of Maryland
; TITLE OF INVENTION: CISTINE KNOT GROWTH FACTOR MUTANTS
; FILE REFERENCE: USFMD-003C1
; CURRENT APPLICATION NUMBER: US/09/813,398
; PRIOR FILING DATE: 2001-03-20
; PRIOR APPLICATION NUMBER: PCT/US99/05908
; PRIOR FILING DATE: 1999-03-19
; PRIOR APPLICATION NUMBER: PCT/US98/19772
; PRIOR FILING DATE: 1998-09-22
; NUMBER OF SEQ ID NOS: 41
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 18
; LENGTH: 367
; TYPE: PRT
; ORGANISM: HOMO SAPIEN
US-09-813-398-18
Query Match          100.0%: Score 143; DB 9; Length 367;
Best Local Similarity 100.0%: Pred No. 4e-12;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
OY      1 PMSPSALRLQRPPEPAHANCHR 25
Db      241 PMSPSALRLQRPPEPAHANCHR 265
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RESULT 2
US-09-859-211-44
; Sequence 44, Application US/09859211
; Patent No. US20020157125A1
; GENERAL INFORMATION:
; APPLICANT: Lee, Se-Jin
; APPLICANT: McPherson, Alexandra C.
; TITLE OF INVENTION: GROWTH DIFFERENTIATION FACTOR-8
; FILE REFERENCE: 07265/144001
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1 CURRENT APPLICATION NUMBER: US/09/859,211
2 CURRENT FILING DATE: 2001-05-15
3 PRIOR APPLICATION NUMBER: 09/019,070
4 PRIOR FILING DATE: 1998-02-05
5 PRIOR APPLICATION NUMBER: 08/862,445
6 PRIOR FILING DATE: 1997-05-23
7 PRIOR APPLICATION NUMBER: 08/847,910
8 PRIOR FILING DATE: 1997-04-28
9 PRIOR APPLICATION NUMBER: 08/795,071
10 PRIOR FILING DATE: 1997-02-05
11 PRIOR APPLICATION NUMBER: 08/525,596
12 PRIOR FILING DATE: 1995-10-26
13 PRIOR APPLICATION NUMBER: PCF/US94/03019
14 PRIOR FILING DATE: 1994-03-18
15 PRIOR APPLICATION NUMBER: 08/033,923
16 PRIOR FILING DATE: 1993-03-19
17 NUMBER OF SEQ ID NOS: 51
18 SOFTWARE: FastSeq for Windows Version 4.0
19 SEQ ID NO 44
20 LENGTH: 122
21 TYPE: PRT
22 ORGANISM: Homo sapiens
23 US-09-859-211-44

Query Match 76.9%; Score 110; DB 9; Length 122;
Best Local Similarity 100.0%; Pred. No. 3.9e-08;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 6 ALRLQRPPEPAHANCHR 25
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Db 1 ALRLQRPPEPAHANCHR 20

RESULT 3
US-09-880-708-22
1 Sequence 22, Application US/09880708
2 Patent No. US20020165361A1
3 GENERAL INFORMATION:
4 APPLICANT: Lee, Se-Jin
5 Huynh, Thanh
6 TITLE OF INVENTION: GROWTH DIFFERENTIATION FACTOR-5
7 NUMBER OF SEQUENCES: 28
8 CORRESPONDENCE ADDRESS:
9 ADDRESSEE: Gray Cary Ware & Freidenrich LLP
10 STREET: 4365 Executive Drive, Suite 1600
11 CITY: San Diego
12 STATE: CA
13 COUNTRY: USA
14 ZIP: 92121-2189
15 COMPUTER READABLE FORM:
16 MEDIUM TYPE: Diskette
17 COMPUTER: IBM Compatible
18 OPERATING SYSTEM: Windows95
19 SOFTWARE: FastSeq for Windows Version 2.0
20 CURRENT APPLICATION DATA:
21 APPLICATION NUMBER: US/09/880,708
22 FILING DATE: 12-Jun-2001
23 PRIOR APPLICATION DATA:
24 APPLICATION NUMBER: 09/145,060
25 FILING DATE: <Unknown>
26 APPLICATION NUMBER: 08/003,144
27 FILING DATE: 12-JAN-1993
28 ATTORNEY/AGENT INFORMATION:
29 NAME: Lisa A. Halle, Ph.D.
30 REGISTRATION NUMBER: 38,347
31 REFERENCE/DOCKET NUMBER: 07265/057002
32 TELECOMMUNICATION INFORMATION:
33 TELEPHONE: 858/677-1456
34 TELEFAX: 619/677-1465
35 INFORMATION FOR SEQ ID NO: 22:
36 SEQUENCE CHARACTERISTICS:
37 LENGTH: 122 amino acids
38 TYPE: amino acid

1 TOPOLOGY: linear
2 MOLECULE TYPE: protein
3 IMMEDIATE SOURCE:
4 CLONE: Inhibit-alpha
5 SEQUENCE DESCRIPTION: SEQ ID NO: 22:
6 US-09-880-708-22

Query Match 76.9%; Score 110; DB 9; Length 122;
Best Local Similarity 100.0%; Pred. No. 3.9e-08;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 6 ALRLQRPPEPAHANCHR 25
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Db 1 ALRLQRPPEPAHANCHR 20

RESULT 4
US-09-813-459-18
1 Sequence 18, Application US/09813459
2 Patent No. US20020107369A1
3 GENERAL INFORMATION:
4 APPLICANT: Lee, Se-Jin
5 Cunningham, No. US20020107369A1
6 TITLE OF INVENTION: GROWTH DIFFERENTIATION FACTOR-10
7 NUMBER OF SEQUENCES: 26
8 CORRESPONDENCE ADDRESS:
9 ADDRESSEE: Spensley Horn Jubas & Lambitz
10 STREET: 1880 Century Park East, Suite 500
11 CITY: Los Angeles
12 STATE: California
13 COUNTRY: USA
14 ZIP: 90067
15 COMPUTER READABLE FORM:
16 MEDIUM TYPE: Floppy disk
17 COMPUTER: IBM PC Compatib.e
18 OPERATING SYSTEM: PC-DOS/MS-DOS
19 SOFTWARE: Patent Release #1.0, Version #1.25
20 CURRENT APPLICATION DATA:
21 APPLICATION NUMBER: US/09/813,459
22 FILING DATE: 20-Mar-2001
23 CLASSIFICATION: <Unknown>
24 PRIOR APPLICATION DATA:
25 APPLICATION NUMBER: 08/624,635
26 FILING DATE: <Unknown>
27 ATTORNEY/AGENT INFORMATION:
28 NAME: Weherelli, Jr., Ph.D., John R.
29 REGISTRATION NUMBER: 31,678
30 REFERENCE/DOCKET NUMBER: PD-3054
31 TELECOMMUNICATION INFORMATION:
32 TELEPHONE: (619) 455-5100
33 TELEFAX: (619) 455-5110
34 INFORMATION FOR SEQ ID NO: 18:
35 SEQUENCE CHARACTERISTICS:
36 LENGTH: 122 amino acids
37 TYPE: amino acid
38 STRANDEDNESS: single
39 TOPOLOGY: linear
40 MOLECULE TYPE: protein
41 IMMEDIATE SOURCE:
42 CLONE: Inhibit-alpha
43 FEATURE:
44 NAME/KEY: Protein
45 LOCATION: 1..122
46 SEQUENCE DESCRIPTION: SEQ ID NO: 18:
47 US-09-813-459-18

Query Match 76.9%; Score 110; DB 10; Length 122;
Best Local Similarity 100.0%; Pred. No. 3.9e-08;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 6 ALRLQRPPEPAHANCHR 25
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Db 1 ALRLQRPPEPAHANCHR 20

RESULT 5

US-10-115-406-18
 : Sequence 18, Application US/10115406
 : Patent No. US20020127612A1
 : GENERAL INFORMATION:
 : APPLICANT: THE JOHNS HOPKINS UNIVERSITY SCHOOL OF MEDICINE
 : APPLICANT: Lee, Se-Jin
 : TITLE OF INVENTION: GROWTH DIFFERENTIATION FACTOR-9
 : FILE REFERENCE: JH01190-3
 : CURRENT APPLICATION NUMBER: US/10/115,406
 : PCT FILING DATE: 2002-04-02
 : PRIOR APPLICATION NUMBER: 09/301,520
 : PRIOR FILING DATE: 1999-04-28
 : PRIOR APPLICATION NUMBER: US 09/172,062
 : PRIOR FILING DATE: 1998-10-13
 : PRIOR APPLICATION NUMBER: US 08/491,835
 : PRIOR FILING DATE: 1995-10-23
 : PRIOR APPLICATION NUMBER: PCT/US94/00685
 : PRIOR FILING DATE: 1994-01-12
 : PRIOR APPLICATION NUMBER: US 08/003,303
 : PRIOR FILING DATE: 1993-01-12
 : NUMBER OF SEQ ID NOS: 28
 : SOFTWARE: PatentIn Version 3.0
 : SEQ ID NO 18
 : LENGTH: 121
 : TYPE: PRT
 : ORGANISM: Homo sapiens
 US-10-115-406-18

Query Match

Best Local Similarity 74.1%; Score 106; DB 12; Length 121;
 Best Local Similarity 100.0%; Pred. No. 1.4e-07;
 Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 7 LRLQRPPEPAHANCHR 25
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DB 1 LRLQRPPEPAHANCHR 19

RESULT 6

US-09-768-703-2
 : Sequence 2, Application US/09768703
 : Patent No. US20020098538A1
 : GENERAL INFORMATION:
 : APPLICANT: SHABON, USMAN
 : APPLICANT: ELSHODRAGY, NABIL
 : TITLE OF INVENTION: 7TM RECEPTOR (AXOR23)
 : FILE REFERENCE: GP-30197 C1
 : CURRENT APPLICATION NUMBER: US/09/768,703
 : PRIOR FILING DATE: 2001-01-24
 : PRIOR APPLICATION NUMBER: UK 9905317.5
 : PRIOR FILING DATE: 1999-03-09
 : PRIOR APPLICATION NUMBER: 09/396,610
 : PRIOR FILING DATE: 1998-09-15
 : NUMBER OF SEQ ID NOS: 2
 : SOFTWARE: FastSeq for Windows Version 3.0
 : SEQ ID NO 2
 : LENGTH: 368
 : TYPE: PRT
 : ORGANISM: HOMO SAPIENS
 US-09-768-703-2

Query Match

Best Local Similarity 38.8%; Score 55.5; DB 10; Length 368;
 Best Local Similarity 66.7%; Pred. No. 3.7;
 Matches 12; Conservative 1; Mismatches 4; Indels 1; Gaps 1;

QY 2 WPSA-LRLQRPPEPA 18
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DB 321 WHPRALQCLQRPPEGPA 338

RESULT 7

US-10-014-717-4
 : Sequence 4, Application US/10014717
 : Publication No. US2002019278A1
 : GENERAL INFORMATION:
 : APPLICANT: Schupp, Thomas
 : APPLICANT: Ligon, James
 : APPLICANT: Molnar, Istvan
 : APPLICANT: Zirkle, Ross
 : APPLICANT: Cyr, Devron
 : APPLICANT: Goerlach, Joern
 : TITLE OF INVENTION: GENES FOR THE BIOSYNTHESIS OF EPOTHIONONES
 : FILE REFERENCE: 4-30582A
 : CURRENT APPLICATION NUMBER: US/10/014,717
 : CURRENT FILING DATE: 2001-11-13
 : PRIOR APPLICATION NUMBER: US/09/355,409
 : PRIOR FILING DATE: 1999-06-17
 : NUMBER OF SEQ ID NOS: 30
 : SOFTWARE: PatentIn Ver. 2.0
 : SEQ ID NO 4
 : LENGTH: 1832
 : TYPE: PRT
 : ORGANISM: Sorangium cellulosum
 US-10-014-717-4

Query Match

Best Local Similarity 38.1%; Score 54.5; DB 9; Length 1832;
 Best Local Similarity 54.2%; Pred. No. 29;
 Matches 13; Conservative 1; Mismatches 7; Indels 3; Gaps 1;

QY 1 PWP---SALRLQRPPEPAHA 21
 : | | : ||||| | |

DB 1123 PWPVELSLRLQRPSELCHHA 1146

RESULT 8

US-09-864-761-40290
 : Sequence 40290, Application US/09864761
 : Patent No. US20020048763A1
 : GENERAL INFORMATION:
 : APPLICANT: Penn, Sharon G.
 : APPLICANT: Rank, David R.
 : APPLICANT: Hanzel, David K.
 : TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL I
 : FILE REFERENCE: Aeomica-X-1
 : CURRENT APPLICATION NUMBER: US/09/864,761
 : CURRENT FILING DATE: 2001-05-24
 : PRIOR APPLICATION NUMBER: US 60/180,412
 : PRIOR FILING DATE: 2000-02-04
 : PRIOR APPLICATION NUMBER: US 60/207,456
 : PRIOR FILING DATE: 2000-05-26
 : PRIOR APPLICATION NUMBER: US 09/632,366
 : PRIOR FILING DATE: 2000-08-03
 : PRIOR APPLICATION NUMBER: GB 24263.6
 : PRIOR FILING DATE: 2000-10-04
 : PRIOR APPLICATION NUMBER: US 60/236,359
 : PRIOR FILING DATE: 2000-09-27
 : PRIOR APPLICATION NUMBER: PCT/US01/00666
 : PRIOR FILING DATE: 2001-01-30
 : PRIOR APPLICATION NUMBER: PCT/US01/00667
 : PRIOR FILING DATE: 2001-01-30
 : PRIOR APPLICATION NUMBER: PCT/US01/00664
 : PRIOR FILING DATE: 2001-01-30
 : PRIOR APPLICATION NUMBER: PCT/US01/00669
 : PRIOR FILING DATE: 2001-01-30
 : PRIOR APPLICATION NUMBER: PCT/US01/00665
 : PRIOR FILING DATE: 2001-01-30
 : PRIOR APPLICATION NUMBER: PCT/US01/00668
 : PRIOR FILING DATE: 2001-01-30
 : PRIOR APPLICATION NUMBER: PCT/US01/00663
 : PRIOR FILING DATE: 2001-01-30
 : PRIOR APPLICATION NUMBER: PCT/US01/00662

Query Match 36.0%; Score 51.5; Dh 10; Length 116;
Best Local Similarity 37.1%; Pred. No. 3.7;
Matches 13; Conservative 1; Mismatches 10; Indels 11; Gaps 1;

US-09-864-761-40290

PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00661
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00670
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 60/234,687
PRIOR FILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: US 09/608,408
PRIOR FILING DATE: 2000-06-30
PRIOR APPLICATION NUMBER: US 09/774,203
PRIOR FILING DATE: 2001-01-29
NUMBER OF SEQ ID NOS: 49117
SOFTWARE: Anomax Sequence Listing Engine vers. 1.1
SEQ ID NO 40290
LENGTH: 116
TYPE: PRI
ORGANISM: Homo sapiens
FEATURE:
OTHER INFORMATION: MAP TO AC019159.3
OTHER INFORMATION: EXPRESSED IN HEPA, SIGNAL = 5.7
OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 5.1
OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 5.3
OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 4.5
OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 4.6
OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL = 3.6
OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 4.2
OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 5.4

Query Match 36.0%; Score 51.5; Dh 10; Length 116;
Best Local Similarity 37.1%; Pred. No. 3.7;
Matches 13; Conservative 1; Mismatches 10; Indels 11; Gaps 1;

US-10-014-717-7

PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00661
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00670
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 60/234,687
PRIOR FILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: US 09/608,408
PRIOR FILING DATE: 2000-06-30
PRIOR APPLICATION NUMBER: US 09/774,203
PRIOR FILING DATE: 2001-01-29
NUMBER OF SEQ ID NOS: 49117
SOFTWARE: Anomax Sequence Listing Engine vers. 1.1
SEQ ID NO 40290
LENGTH: 116
TYPE: PRI
ORGANISM: Homo sapiens
FEATURE:
OTHER INFORMATION: MAP TO AC019159.3
OTHER INFORMATION: EXPRESSED IN HEPA, SIGNAL = 5.7
OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 5.1
OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 5.3
OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 4.5
OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 4.6
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OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 4.2
OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 5.4

Query Match 35.3%; Score 50.5; Dh 9; Length 2439;
Best Local Similarity 45.8%; Pred. No. 1.4e+02;
Matches 11; Conservative 3; Mismatches 7; Indels 3; Gaps 1;

US-10-014-717-7

PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00661
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00670
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 60/234,687
PRIOR FILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: US 09/608,408
PRIOR FILING DATE: 2000-06-30
PRIOR APPLICATION NUMBER: US 09/774,203
PRIOR FILING DATE: 2001-01-29
NUMBER OF SEQ ID NOS: 49117
SOFTWARE: Anomax Sequence Listing Engine vers. 1.1
SEQ ID NO 40290
LENGTH: 116
TYPE: PRI
ORGANISM: Homo sapiens
FEATURE:
OTHER INFORMATION: MAP TO AC019159.3
OTHER INFORMATION: EXPRESSED IN HEPA, SIGNAL = 5.7
OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 5.1
OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 5.3
OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 4.5
OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 4.6
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OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 4.2
OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 5.4

Query Match 35.3%; Score 50.5; Dh 9; Length 2439;
Best Local Similarity 45.8%; Pred. No. 1.4e+02;
Matches 11; Conservative 3; Mismatches 7; Indels 3; Gaps 1;

US-10-014-717-7

PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00661
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00670
PRIOR FILING DATE: 2001-01-30
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PRIOR FILING DATE: 2001-01-29
NUMBER OF SEQ ID NOS: 49117
SOFTWARE: Anomax Sequence Listing Engine vers. 1.1
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ORGANISM: Homo sapiens
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OTHER INFORMATION: EXPRESSED IN HEPA, SIGNAL = 5.7
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OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 5.3
OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 4.5
OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 4.6
OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL = 3.6
OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 4.2
OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 5.4

US-10-036-041-35

Sequence 35; Application US/10036041
Publication No. US20020192751A1
GENERAL INFORMATION:
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Pan, James
APPLICANT: Stewart, Timothy A.
APPLICANT: Watanabe, Colin K.
APPLICANT: Wood, William T.
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3030R1C8
CURRENT APPLICATION NUMBER: US/10/036,041
CURRENT FILING DATE: 2001-12-26
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PRIOR FILING DATE: 1999-03-24
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PRIOR FILING DATE: 1999-03-31
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PRIOR FILING DATE: 1999-07-20
PRIOR APPLICATION NUMBER: 60/146970
PRIOR FILING DATE: 1999-08-03
PRIOR APPLICATION NUMBER: 60/162506
PRIOR FILING DATE: 1999-10-29

1	Prior APPLICATION NUMBER: 09/311832	1	APPLICANT: Baker, Kevin P.
2	Prior FILING DATE: 1999-05-14	2	APPLICANT: Beresini, Maureen
3	Prior APPLICATION NUMBER: 09/380142	3	APPLICANT: DeForge, Laura
4	Prior FILING DATE: 1999-08-25	4	APPLICANT: Desnoyers, Luc
5	Prior APPLICATION NUMBER: 09/644848	5	APPLICANT: Filvaroff, Ellen
6	Prior FILING DATE: 2000-08-22	6	APPLICANT: Gao, Wei-Qiang
7	Prior APPLICATION NUMBER: 09/7747259	7	APPLICANT: Gerfilsen, Mary E.
8	Prior FILING DATE: 2000-12-20	8	APPLICANT: Goddard, Audrey
9	Prior APPLICATION NUMBER: 09/816774	9	APPLICANT: Godowski, Paul J.
10	Prior FILING DATE: 2001-03-22	10	APPLICANT: Gurney, Austin J.
11	Prior APPLICATION NUMBER: 09/854208	11	APPLICANT: Sherwood, Steven
12	Prior FILING DATE: 2001-05-10	12	APPLICANT: Smith, Victoria
13	Prior APPLICATION NUMBER: 09/854280	13	APPLICANT: Stewart, Timothy A.
14	Prior FILING DATE: 2001-05-10	14	APPLICANT: Tamas, Daniel
15	Prior APPLICATION NUMBER: 09/874503	15	APPLICANT: Matanabe, Colin K
16	Prior FILING DATE: 2001-06-05	16	APPLICANT: Wood, William
17	Prior APPLICATION NUMBER: 09/869599	17	APPLICANT: Zhang
18	Prior FILING DATE: 2001-06-29	18	APPLICANT: Zhang
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65	Gaps	65	APPLICANT: Zhang
66	Sequence 544	66	APPLICANT: Zhang
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68	GENERAL INFORMATION:	68	APPLICANT: Zhang
69	US-10-028-072-544	69	APPLICANT: Zhang
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46	PRIOR APPLICATION NUMBER: 60/091360
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48	PRIOR APPLICATION NUMBER: 60/091519
49	PRIOR FILING DATE: 1998-07-02
50	PRIOR APPLICATION NUMBER: 60/091962
51	PRIOR FILING DATE: 1998-07-07

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Query Match      33.9%;      Score 48.5;   DB 9;   Length 888;
Best Local Similarity 28.9%;   Pred. No. 86;
Matches 13;   Conservative 1;   Mismatches 10;   Indels 21;   Gaps 2

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RESULT 12
US-10-035-855-35
Sequence 35, Application US/10035855
Publication No. US20030008348A1
GENERAL INFORMATION:
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Goddard, Andrew
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Pan, James
APPLICANT: Stewart, Timothy A.

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? APPLICANT: Matanabe, Colin K.
? APPLICANT: Zhang, Zemin
? TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
? FILE REFERENCE: P3030R1C4
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? PRIOR FILING DATE: 2001-05-10
? PRIOR APPLICATION NUMBER: 09/854280
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? US-10-035-855-35

Query Match          33.9%; Score 48.5; Pos 9; Length 888;
Best Local Similarity 28.9%; Pctd. No. 86;
Matches 13; Conservative 1; Mismatches 10; Indels 21; Gaps 2;

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? Sequence 544, Application US/10121049
? Publication No. US20030022239A1
? GENERAL INFORMATION:
? APPLICANT: Baker, Kevin P.
? APPLICANT: Beresini, Maureen
? APPLICANT: Deforge, Laura
? APPLICANT: Desnoyers, Luc
? APPLICANT: Filvaroff, Ellen
? APPLICANT: Gao, Wei-Qiang
? APPLICANT: Gerritsen, Mary E.
? APPLICANT: Godowski, Paul J.
? APPLICANT: Gurney, Austin L.
? APPLICANT: Sherwood, Steven

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